

**JERSEY COMMUNITY HOSPITAL EMS SYSTEM
EQUIPMENT**

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**JERSEY COMMUNITY HOSPITAL AREA EMS SYSTEM
POLICY AND PROCEDURE**

CURRENT EQUIPMENT LISTINGS

- I. Advanced life support transport vehicles will carry all equipment that basic life support personnel currently carry with addition of the approved drug list, approved advanced airway management equipment, defibrillation equipment, and telemetry transmission equipment as approved by the Illinois Department of Public Health *Office of Preparedness and Response*. (Refer to Policy E-2 and E-3.)
- II. Basic life support transport vehicles will carry equipment according to the listing approved by the Jersey Community Hospital Emergency Medical Services System and the Illinois Department of Public Health *Office of Preparedness and Response*. (Refer to Policy E-2.)
- III. Non-transport vehicles (BLS) will carry equipment as listed and approved by the Illinois Department of Public Health *Office of Preparedness and Response* and by the Quincy Area Emergency Medical Services System. (Refer to Policy E-4.)
- IV. Non-transport (ALS) will carry equipment as listed and approved by the Illinois Department of Public Health *Office of Preparedness and Response* and by the Jersey Community Hospital Emergency Medical Services System. (Refer to Policy E2 and E-3.)
- V. ALS Alternate Response Vehicles (non-transport) will carry equipment as listed and approved by the Illinois Department of Public Health *Office of Preparedness and Response* and by the Jersey Community Hospital Emergency Medical Services System. (Refer to Policy E-6 ARV.)
- VI. BLS alternative response vehicle (non-transport) will carry equipment as listed and approved by Illinois Department of Public Health and JCHEMS (refer to Policy E-4)
- VII. First Responders will have equipment immediately available to them as listed and approved by Illinois Department of Public Health and JCHEMS System. (Refer to Policy E-5.)
- VIII. Reserve ambulance will meet same requirements as all other ambulance with the exception of medical supplies and durable medical equipment.
- IX. *EMS agencies shall make every effort to protect EMS vehicle contents (supplies, equipment, and medications) from climate extremes.*

NOTE: The U.S. Pharmacopeial convention issues standards for the safe storage of human medications and the range of 50° to 86° is established as the parameter for EMS medication storage.

JERSEY COMMUNITY HOSPITAL EMS SYSTEM
BLS AMBULANCE –INSPECTION FORM

Provider _____ License#: _____
 Garage Address: _____
 VIN: _____ Level of Care: _____ Local ID: _____ EMS Sys # _____
 Inspection Type: _____ Inspected By: _____
 Inspection Date: _____ Inspection Status: _____ Action: _____

Patient Transport Equipment

- Wheeled multi-level cot with 3 sets of straps+ over shoulder straps
- 3-Point fastener for cot
- Cot fits securely in fastener
- Secondary stretcher with 3 sets of straps

Main On-Board oxygen Equipment

- (Main (on-board) oxygen cylinder not empty ---volume (psi) _____)
- Adult size non-rebreather oxygen mask (minimum 2) and total of 4.
- Child size oxygen mask (minimum 1) and total of 2.
- Infant size oxygen mask (minimum 1) and total of 2.
- Adult size nasal cannulas (minimum 3) and total of 4.
- Child size nasal cannulas (minimum 3) and total of 4

Portable Oxygen Equipment

- Portable oxygen cylinder: (minimum size 'D') ---volume (psi) _____
- Dial flow meter/regulator for 15 lpm
- Full spare portable oxygen cylinder (minimum size 'D')
- Quick-release, crash-stable mounting racket for portable oxygen cylinders
- Adult size non-rebreather oxygen mask (minimum 2)
- Child size oxygen mask (minimum 1)
- Infant size oxygen mask (minimum 1)
- Adult size nasal cannulas (minimum 2)
- Child size nasal cannulas (minimum 1)

Suction and Airway Equipment

- Onboard suction capable of obtaining 300 mmHg suction within 4 seconds of clamping tube
- Vacuum level can be adjusted
- Collection bottle holds 1000 ml
- Two packages suction tubing capable of reaching second patient being transported on squad bench
- Portable battery operated suction capable of obtaining 300 mmHg suction within 4 seconds of clamping tubing
- Capable of charging from vehicle 12-volt DC/115-volt AC
OR
- Operated from internal rechargeable battery
- Operates for 20 continuous minutes (perform if battery sounds weak)
OR
- Manually operated suction device (IDPH approved)

Suction and Airway Equipment (Continued)

- Sterile, single-use suction catheters, two each size: 6, 8, 10, 12, 14, 16, 18-french with thumb suction control port (one set with on-board suction; one set with portable suction)
- Semi-rigid pharyngeal suction tips, with thumb suction control port, three (3)
- Airway, oropharyngeal – adult, child and infant sizes 00-5
- Airway, nasopharyngeal, sizes 12-34 French
- Lubricant for nasopharyngeal airways

Resuscitation Equipment

- Adult size squeeze bag-valve-mask ventilation unit with transparent adult mask (minimum one)
- Child size squeeze bag-valve-mask ventilation unit with child, infant and newborn transparent masks (minimum one)
- CPR mask with safety valve to prevent backflow of expired air and secretions (minimum one)
- Automated External Defibrillator (AED) with Adult and Pediatric Capability
 - Adult AED Pads
 - Pediatric AED Pads

Extrication/Immobilization/Splinting Equipment

- Long spine board (72”X16” minimum) with 3 sets of torso straps
 - Short spine board (32”X16” minimum) with two (9 foot) torso straps, one child strap and one head strap
- OR
- Vest type wrap around extrication device (KED, ZED)
 - Infant size rigid cervical collar (minimum one)
 - Child size rigid cervical collar (minimum one)
 - Small adult size rigid cervical collar (minimum one)
 - Medium adult size rigid cervical collar (minimum one)
 - Large adult size rigid cervical collar (minimum one)
- OR
- Rigid cervical collar adjustable to adult sizes (minimum one)
 - Rigid cervical collar adjustable to pediatric sizes (minimum one)
 - Traction splint, adult
 - Traction splint, pediatric
 - Extremity splints, adult, 2 long
 - Extremity splints, adult, 2 short
 - Extremity splints, pediatric, 2 long
 - Extremity splints, pediatric, 2 short
 - Restraints, 2 pair (arm and leg) for 4-point restraint
 - Wrecking bar (24” minimum)
 - Goggles

Assessment Equipment

- Pulse oximeter with adult and pediatric capability/probes
- Blood pressure cuff, large adult
- Blood pressure cuff, adult
- Blood pressure cuff, child
- Blood pressure cuff, infant

Assessment Equipment (Continued)

- Gauge(s) for blood pressure cuffs appropriately calibrated
- Stethoscopes, two (2)
- Flashlight, for patient assessment, minimum one (1)
- Adequate lighting to allow patient assessment
- Electric clock with sweep second hand

Medical Supplies

- Trauma dressings (12"X30"), Six (6)
 - Gauze pads (4"X4"), sterile, Twenty (20)
 - Gauze, soft, self-adjusting (4"X5 yards), ten (10) rolls
 - Vaseline gauze (3"X8"), Two (2)
 - Adhesive tape, two (2) rolls
 - Triangle bandages or slings, five (5)
 - Bandage shears (minimum 1)
 - Burn sheets (clean, individually wrapped), Two (2)
 - Cold packs (3)
 - Obstetrical kit, sterile (minimum 1) pre-packaged with instruments and bulb syringe)
 - Thermal absorbent blanket and head cover OR aluminum foil OR appropriate heat reflective material (one per OB kit)
 - Sterile solution (normal saline) in plastic bottles or bags, 2000cc
 - Drinking water, 1 quart (may substitute 1000cc sterile water)
 - Epinephrine, adult (EPIPEN)
 - Epinephrine, pediatric (EPIPEN)
 - Pediatric equipment/drug dosage sizing tape, current (Broselow 2011 edition A or newest version.
- OR**
- Pediatric equipment/drug age/weight chart
 - Pediatric trauma score reference
 - Emesis basin or bag (minimum 1)
 - Bedpan (One)
 - Urinal (One)
 - Child and infant car seats OR convertible car seat

Personal Protective Equipment (PPE)

- Impermeable biohazard-labeled isolation bag, minimum 1
- Nonporous disposable gloves
- Face masks, minimum 1 per crew member
- Eye protection (face shields or safety glasses/protective eyewear), minimum 1 per crew member
- Gowns 1 per crew member

Linens

- Pillows, minimum 2
- Sheets, minimum 2
- Blankets, minimum 2
- Pillowcases, minimum 2

Communication

- Ambulance emergency run reports with data required by IDPH (minimum 10)
- OR**
- Electronic documentation with paper backup
- Illinois Poison Center Number
- IDPH Center Complaint hotline number (must be posted where visible to patient)
- Ambulance-to-hospital radio tested and working

Additional

- Glucometer with strips
- 10 Smart Tags
- Oral glucose
- Scoop stretcher (optional)
- Mast Trouser (adult and pediatric) optional

Safety/General Vehicle

- Patient area is clean
- Equipment in patient area is secured/crash-stable
- (1) Flashlight minimum 1
- Fire extinguishers (5 pound ABD, two (2), with current service tag
- Emergency warning lights operational
- Siren operational
- Flood lights operational
- Current IDOT – issued Safety Inspection sticker on windshield
- No visually apparent issues which would compromise the safety of the patient, the ambulance personnel or the public
- Vehicle contents should be protected from climate extremes

JERSEY COMMUNITY HOSPITAL EMS SYSTEM
AMBULANCE SUPPLIES - ALS

(Transport and Non-Transport)

Airway

- (1) Adult and pediatric laryngoscope handle with spare batteries/bulbs
- (Assorted) Laryngoscope blades (Straight/Miller: #0,1,2; Curved: #3)
- (2 Each) Cuffed endotracheal tubes sizes 6.0, 6.5, 7.0, 7.5
- (2 Each) Uncuffed endotracheal tubes sizes 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5
- (2 Each) Adult and pediatric stylets
- (1) Magill forceps
- (2) 10 cc syringes – no needle
- (1) Esophageal intubation detector (EID) OR End tidal CO2 monitor
- (1) Cricothyroidotomy kit (such as Kwik-Cric, Nu-Trach)
- (1) Combitube airway adult
- (1) Meconium aspirator
- (1) Spare batteries/bulbs for laryngoscope
- (1) *S.A.L.T*

CPAP (ALS transport only)

Suggest all CPAP equipment be placed in a bag to assure quick accessibility

- Full portable O2 tank
- Flow meter with Diss Port
- Med Mask with flow generator (313-7056 ea)
- Neb adapter (313-2730 ea)
- Large mask (313-7030 ea)

IV/Venipuncture/Medication Administration

- (1 Box) Alcohol swabs
- (1) Blood glucometer with test strips
- (6000 ml) 0.9% Sodium Chloride IV solution (500 or 1000 ml bags)
- (3) IV primary tubing
- (2) IV Microdrip tubing (Available in drug boxes)
- (4) Tourniquets
- (2) Saline lock kits (optional)
- (4 Each) IV Cannula – over the needle catheters (16, 18, 20, 22, 24 gauges)
- (2) Intraosseous Needles
- (Assortment) Syringes (3cml, 5-6ml, 10-12ml, 20ml)
- (Assortment) Needles (19 gauge-1", 22-23 gauge 1", 22-23 gauge 1 ½", 25 gauge 5/8"
- (1) Arm Board
- EZIO with adult needles

Cardiac Equipment

- (1) Cardiac monitor capable of monitoring in at least three leads, defibrillation, synchronized cardioversion and transcutaneous pacing. 12 lead ECG optional. (Effective 1/1/12, all cardiac monitors must have 12 Lead capability and be able to transmit 12-Leads to Blessing Hospital and all ALS ambulances must have ETCO monitoring capabilities for intubated and non-intubated patient.
- (2) Monitoring electrode cables (may substitute one set for Quick Combo)
- (1) Defib gel, defib pads, Fastpatch pads, Quick Combo pads (*adult and peds*)
- (2) Monitor paper
- (3 Sets Each) Monitoring electrodes (pediatric, adult)
- (2) Spare batteries
- (1) Razor

Other

- (1) Doppler
- (2) 14 gauge over the needle catheters, 3.25" length for needle chest decompression
- (I) System approved drug box (See Policy O-13-F)
(ALS non-transport will carry medications as listed in Policy O-14 ARV)

JERSEY COMMUNITY HOSPITAL EMS SYSTEM
NON-TRANSPORT AGENCY BLS EQUIPMENT

- Full portable oxygen cylinder
- Dial flowmeter/regulator for 15 lpm
- A, C, I Non-rebreather Masks
- Adult squeeze bag and valve, with adult and child masks
- Child squeeze bag and valve, with child and infant masks
- Airways, oropharyngeal, A, C, I
- Airways, Nasopharyngeal with lubrication (sizes 12-30F)
- Manually operated suction device (IDPH approved)
- Triangular bandages or slings
- Roller bandages, self-adhering (4"X5 yd)
- Trauma dressings/universal dressings
- Sterile gauze pads (4"X4")
- Vaseline gauze (3"X8")
- Bandage shears
- Adhesive tape rolls
- Blanket
- Long backboard
- Cervical collars, A, C, I, Ped
- Extremity splints, adult/child, long/short
- Adult/child/infant blood pressure cuffs and gauge
- Stethoscope
- Burn sheet, individually wrapped
- Sterile solution, (1,000 cc) plastic bottles or bags
- Aluminum foil or silver swaddler
- Obstetrical kit, sterile w/head cover
- Cold packs
- EMS run reports (System Approved Forms)
- Nonporous, disposable gloves
- Eye/nose/mouth protection or face shields
- Flashlight
- Equipment to allow communication with hospital
- Glucometer with strips
- Gowns
- AED with 2 sets of adult *and pediatric* pads
- Razor to be kept with AED
- Oral Glucose (optional)

John Palcheff, DO EMS Medical Director

**JERSEY COMMUNITY HOSPITAL EMS SYSTEM
FIRST RESPONDER EQUIPMENT LIST**

I. At a minimum, First Responder-D will have the following equipment immediately available to them:

A. Equipment List

1. Triangular bandage
2. Roller type bandage
3. Universal trauma dressings
4. Gauze pad
5. Occlusive Dressing (Vaseline gauze)
6. Bandage Scissors
7. Adhesive tape
8. Stick (for impaled object/tourniquet)
9. Blanket
10. Upper; extremity splint
11. Lower extremity splint
12. Oxygen equipment: adult, child, infant mask (cylinder is to be full)
13. Adult BVM and Child BVM with child and Infant mask
14. Oropharyngeal airways (adult, child and infant)
15. OSHA personal protection items (face/eye mask, gowns, etc.)
16. Blood pressure cuffs and gauge (adult, child, and infant)
17. Stethoscope
18. EMS Patient Care Report Forms (System approved forms)
19. Non-porous disposable gloves
20. AED (If service is licensed as FRD or B level) with 2 sets of adult pads
21. Equipment to contact Dispatch and/or hospital.
22. Isolation Bag
23. SMART Triage Tags (ACERS must have a system in place to assure tags are available)
24. Razor (to be kept with AED)

B. Optional Equipment

1. Nasopharyngeal airways (sizes 12-30f with lubricant)
2. Mechanical or manually operated suction device
3. Flashlight
4. Long backboard
5. C-collars (adult, child, infant)
6. Burn sheet (individually wrapped)
7. Sterile solution (1000cc) in plastic bottles or bags
8. Obstetrical Kit, sterile with head cover
9. Cold packs
10. Glucometer with strips (Optional)
11. Glucose (oral)

JERSEY COMMUNITY HOSPITAL EMS SYSTEM
ALTERNATE RESPONSE VEHICLE SUPPLIES - ALS

E-6.1 ARV

General Equipment

- (1) Ambulance to hospital radio (Merci – tests functional)
- (10) Illinois PCR run sheets
- (1 Each) Blood pressure cuff with gauge (infant, child, adult, obese)
- (2) Stethoscope
- (1) Bandage shears
- (1) Pediatric sizing/dosing chart or tape
- (1) Poison control number (posted)
- (1) Pediatric trauma score reference (On Illinois PCR run sheets)
- (1) OB kit, sterile
- (2) Sheets
- (2) Blankets
- (3) Cold packs
- (2) Penlights
- (1) Glucometer with strips (optional)
- (10) SMART Triage Tag
- (1) Cardiac monitor capable of monitoring in at least three leads, defibrillation, synchronize cardioversion and transcutaneous pacing. 12 Lead optional

Personal Safety/Biohazard Equipment

- (Appropriate Sizes) Nonporous disposable gloves
- (1) Red biohazard bag – impermeable
- (2) Goggles or face shields
- (2) Face masks to cover nose and mouth
- (2) N-95 masks
- (2) Gowns

Dressing/Bandaging Supplies

- (6) Trauma dressing
- (20) 4" X 4" gauze pads
- (10) Roller style self adhering bandages (4" X 5yd)
- (2) Vaseline gauze 3" X 8"
- (2) Burn sheet (clean, individually wrapped)
- (2) Adhesive tape rolls

Oxygenation/Airway Equipment

- (1) Portable O₂ tank with 15 LPM regulator – at least “D” size/not empty
- (1) Spare portable tank full (secured)
- (2) Oxygen connection tubing
- (3 Each) Nasal cannulas (adult, child and infant)
- (2 Each) Non-rebreather masks (adult, child and infant)
- (1) CPR mask with one way valve
- (1) Adult bag-valve-mask (adult and child size masks)
- (1) Pediatric bag-valve-mask (child and infant size masks)
- (1 Set) Oral airways (infant through adult)
- (1 Each) Nasopharyngeal airways (infant, child, adult – sizes 12-30F)
- (1) Lubricant for airway equipment (Subgilube, K-Y, etc.)
- Manually operated suction device (IDPH approved)

ALTERNATE RESPONSE VEHICLE SUPPLIES – ALS (continued)**Immobilization/Splinting**

- (1) Long spine board with 3 sets of straps and cervical immobilization device
- (1) Pediatric spine board with 3 sets of straps (optional)
- (1) Short spine board or vest type device (KED, ZED)
- (1 Each) Rigid cervical collars (pediatric, small, medium, large)
- (1 Set) Extremity splints – adult (two each, long and short) (Sam Splints)
- (1 Set) Extremity splints – pediatric (two each, long and short) (Sam Splints)
- (5) Triangular bandages with safety pins)

Extrication Equipment

- (1) Wrecking bar – at least 24 inches
- (1) Fire extinguishers – at least 5 lb. ABC each
- (1) Flashlight (battery operated)
- Agreement with local fire department/rescue agency for extrication
- Agreement with local garage to replace/repair tires

JERSEY COMMUNITY HOSPITAL EMS SYSTEM
RESERVE AMBULANCE

- I. Each ambulance service may license “Reserve Ambulances” to assist with unforeseen mechanical or accident related issues with the primary ambulances.
- II. Reserve ambulances must meet all requirements of a licensed ambulance except the required inventory of medical supplies and durable medical equipment, which may be rapidly transferred from a fully functional ambulance to a reserve ambulance without the use of tools or special mechanical expertise.
- III. Prior to a Reserve ambulance being placed into duty, it must be inspected by the EMS Coordinator or designee using the appropriate policy for equipment and supplies (E-2 and/or E-3).

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